

	A	B	C	D	E	F	G
1							
2							
3					Fourier Transform		
4		Source Array			Input data range : \$B\$5:\$C\$40		
5		Real	Imaginary		Real	Imaginary	
6		0.392555412	0		17.17755787	4.77453E-15	
7		1.208437017	0		3.428868795	2.3716479	
8		0.851477677	0		-6.802716154	-15.13454393	
9		1.785346519	0		-1.605447357	-5.086530604	
10		1.779465061	0		0.395847917	-2.419267855	
11		1.518900602	0		-1.494103833	-2.391480413	
12		1.046946661	0		0.872235793	-1.143940862	
13		0.83110084	0		1.533245851	0.678159169	
14		1.230062285	0		0.450563708	0.229112488	
15		0.133409796	0		0.545106617	0.411028928	
16		0.130471656	0		2.226859964	-2.430922367	
17		0.386478762	0		-1.615228591	-2.416826573	
18		-0.703398288	0		1.302450783	1.454437857	
19		-0.89911531	0		1.579306286	-1.338627366	
20		-0.12404551	0		-1.075722274	-0.921557968	
21		-0.513553513	0		-0.055782418	-1.813360295	
22		-0.613559196	0		-0.57766604	1.388872439	
23		0.326072595	0		-0.826878282	-0.186591001	
24		0.031629781	0		-0.826878282	0.186591001	
25		0.522987259	0		-0.57766604	-1.388872439	
26		0.436798031	0		-0.055782418	1.813360295	
27		0.846212627	0		-1.075722274	0.921557968	
28		0.913061097	0		1.579306286	1.338627366	
29		1.266628753	0		1.302450783	-1.454437857	
30		1.665365048	0		-1.615228591	2.416826573	
31		1.365826362	0		2.226859964	2.430922367	
32		1.467221909	0		0.545106617	-0.411028928	
33		0.661204897	0		0.450563708	-0.229112488	
34		0.701534532	0		1.533245851	-0.678159169	
35		0.658693682	0		0.872235793	1.143940862	
36		0.287522456	0		-1.494103833	2.391480413	
37		-0.409911361	0		0.395847917	2.419267855	
38		-0.583168876	0		-1.605447357	5.086530604	
39		-0.799684084	0		-6.802716154	15.13454393	
40		-0.621417307	0		3.428868795	-2.3716479	
41							

Figure 360: Fourier analysis tool - example input data and results